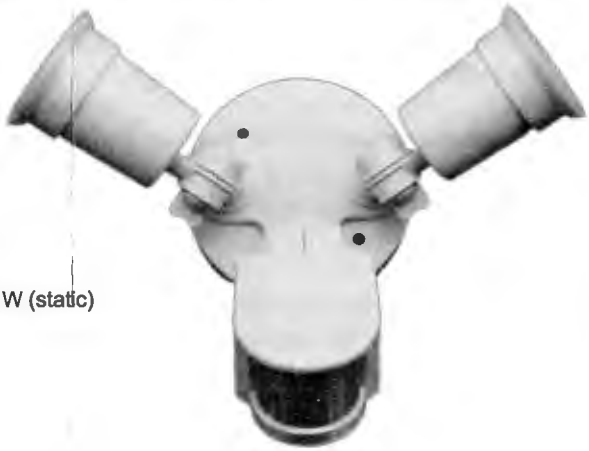
Installation & Owner Manual

ORBIT TWIN SENSOR LIGHTS

ORBIT LIGHTING

Models: OSLB, OSLBLEDV2, OSLBLEDB

IMPORTANT PLEASE READ AND KEEP IN A SAFE PLACE FOR FUTURE REFERENCE



SPECIFICATIONS

Power Source: 220-240Vac
Power Frequency: 50Hz
Rated Load: 2 x 150W PAR38 Lamps
Ambient Light: 3-2000LUX (adjustable)
Working Temperature: -20~ +40℃
Working Humidity: <93%RH
Time-Delay: min: 10sec±3sec
max: 7min±2min
Power Consumption: 0.45W (working) 0.1W (static)
Installation Height: 1.8m~2.5m
Detection Range: 180°
Detection Moving Speed: 0.6~1.5m/s
Detection Distance: 5~12m max(<24℃)

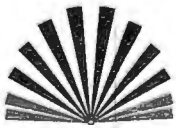
INFRARED MOTION SENSOR

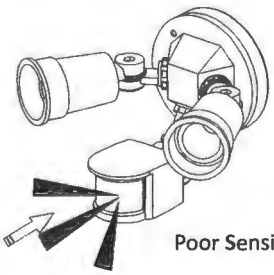
This product is, in essence, an energy-saving lighting switch. It is a high sensitivity detector with a wide detection range – adjustable in both the horizontal and vertical fields. It activates on human motion infrared rays, when a person is detected in the field of view the switch is activated and power will be delivered to your light source. This product can identify day and night automatically. It is easy to install and has multiple

FUNCTION

- Detection field: The wide detection range is made up of up and down, left and right (see the following diagram), the detection range can be adjusted by changing the orientation of the sensor. The most effective sensing is movement ACROSS the field of view.
- Identify day and night automatically: By turning the sensor to SUN (max), it will work both day and night, when turning it to MOON (min), it will only work when the ambient light is less than 3LUX.
- Compounding Time-delay: After the sensor is initially triggered, if the sensor continues to be activated by movement it will add a second time delay e.g. first time on delay is 2min, second activation adds a further 2min so the total time on will be 4min.
- Adjustable Time-delay: Min is 10sec±3sec, maximum is 7min±2min.

Good Sensitivity





Poor Sensitivity

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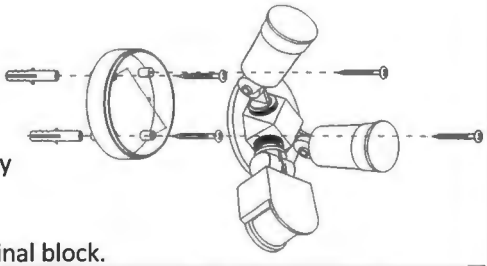
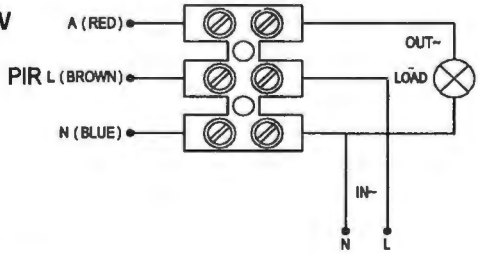
INSTALLATION (see the diagram)



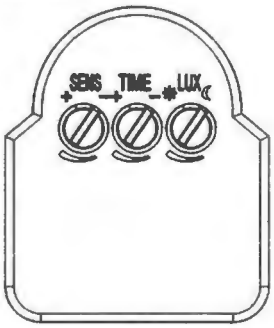
- Ensure the mains power is turned OFF.
- Choose the optimal location for your sensor.
- Loosen the screw on the bottom lid, open the wiring cavity, feed the mains supply through the bottom lid.
- Fix the bottom lid to the wall.
- Connect the mains supply cable to the terminal block.
- Re-attach the sensor to the bottom lid, ensure the connection is tight.
- Turn the power ON, your sensor is ready to use.

WIRING OVERVIEW



TESTING YOUR SENSOR

- Turn time knob anti-clockwise to the minimum position; turn the LUX knob clockwise to the maximum (SUN) position. Switch on power, leave for 5-30sec.
- The sensor will activate 5-10sec after the above with movement and stay on for 7-13sec.
- Turn LUX knob to minimum position, it should now only activate when dark (less than 3LUX), you can cover the sensor window to activate the night sensor for a manual test. Do not leave covered.
- To override sensor function and enter MANUAL MODE, in AUTO MODE quickly switch the power OFF / ON twice at the wall switch (within 2 seconds). Your light should now be in MANUAL MODE and will stay on permanently or can be activated as required by a wall switch.



- To change back to AUTO MODE, turn the power OFF and wait for 10 seconds then turn it back ON again, at this time please note that the light will turn ON twice within 50 seconds of warming up – at this point it will return to AUTO MODE.

Note: when testing in daylight, please turn LUX knob to ☼ (SUN) position, otherwise the sensor will not work!

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NOTE

- This product should be installed by a licensed electrician.
- Install the object on a solid vertical or horizontal surface.
- Install at least 0.5m away from moving objects, reflective surfaces or other light sources.
- Avoid installing near air temperature zones such as air condition units, central heating, etc.
- If the unit is damaged in any way consult a licensed electrician.

COMMON QUESTIONS

- The load does not work:
  a. Ensure the unit has been wired correctly.
  b. Ensure there is a power supply.
  c. Check the ambient light setting.
- The sensitivity is poor:
  a. Ensure there are no obstacles near the sensor.
  b. Check if the ambient temperature is too high.
  c. Check the installation height corresponds to the height shown in the instructions.
  e. Check the sensor orientation.
- The light will not turn off:
  a. Check if there are obstacles in the detection field.
  b. Check the time delay setting.
  c. Ensure the unit is wired correctly.
  d. Ensure there are no external influences like air conditioning units etc.

CARE AND CLEANING

To clean wipe exterior with a damp cloth
Do not immerse in water.

PROOF OF PURCHASE

Please retain your purchase receipt for all warranty claims

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WARRANTY

Your product is warranted against faults and manufacture when used in normal domestic use for a period of one year.

We undertake to replace this product at no charge if found to be defective due to a manufacturing fault during the warranty period. This warranty excludes damage caused by misuse, neglect, shipping accident, incorrect installation, or work carried out by anyone other than a qualified electrical service technician.

If your product fails to operate satisfactorily, please return it to the retailer from whom it was purchased to obtain a replacement product. You will need to produce satisfactory evidence of date of purchase. If the product is to be replaced (cannot be repaired) then that replacement will be of the same or similar product or accessory excluding packaging, instruction card etc.

In New Zealand product is covered by the Consumers Guarantee Act (1993). In accordance with the act consumers are advised that: The manufacturer does not undertake that repair facilities and parts are necessarily available for this product.

In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

KEEP IN A SAFE PLACE FOR FUTURE REFERENCE

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